

### REMARKS

The Applicants respectfully request reconsideration of this application in view of the above amendments and the following remarks.

#### 35 U.S.C. §103(a) Rejection – Richardson and Ishizawa

The Examiner has rejected claims 60, 66, 67, 70 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,028,764 issued to Richardson et al. (hereinafter "Richardson") in view of U.S. Patent No. 5,347,630 issued to Ishizawa et al. (hereinafter "Ishizawa"). The Applicants respectfully submit that the present claims are allowable over Richardson and Ishizawa.

Claim 60, as amended, recites:

A portable computer comprising:

- a base station of the portable computer, wherein the base station comprises a processor and a communication adapter; and
- a computing display subsystem of the portable computer, the computing display subsystem detachably connectable to the base station, the computing display subsystem including:
  - a second communication adapter to allow the computing display subsystem to communicate with the base station when the computing display subsystem is detached from the base station, wherein the computing display subsystem wirelessly communicates with the base via the communication adapter, wherein the communication adapter includes one or more of an infrared adapter and a radio frequency adapter;
  - a storage device of the computing display subsystem;
  - a processor of the computing display subsystem;
  - a battery of the computing display subsystem; and
  - a display controller.

As an initial matter, Applicants disagree with the Examiner's characterization of the references and the pending claims. However, for the sake of expediting issuance of this case, Applicants propose additional claims to the pending claims and submit the following remarks.

Richardson discloses a "portable computer includes a display screen which is detachably connected to the remainder of the computer. When the screen is detached, communication may

continue between the screen and the housing using one of a plurality of techniques, including infrared communications, radio frequency communications, or an extensible cable link. In this way, a display screen may be positioned at a more convenient location, for example for viewing by a plurality of viewers.” (Abstract).

Ishizawa discloses an “information processing apparatus such as a personal computer or a word processor is disclosed. A main unit includes at least processing means for processing input data, and main unit memory means connected to the processing means. A display device is attachable to and detachable from the main unit case and includes at least display device memory means for storing data of the main unit supplied through a connector to be connected to a main unit connector when attached, display means for displaying the stored content, control means for controlling the display and power supply means for supplying powers to the display device memory means, the display device and the control means when detached.” (Abstract).

In contrast, claim 60, as amended, in pertinent part, recites “the computing display subsystem wirelessly communicates with the base via the communication adapter, wherein the communication adapter includes one or more of an infrared adapter and a radio frequency adapter” (emphasis added). Richardson and Ishizawa, neither individually nor when combined, teach or reasonably suggest at least this limitation of claim 60. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 60 and its dependent claims.

Claim 67 contains limitations similar to those of claim 60. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 67 and its dependent claims.

### **35 U.S.C. §103(a) Rejection – Richardson, Ishizawa and Mital**

The Examiner has rejected claims 61-63, 68 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,028,764 issued to Richardson and Ishizawa as applied to claims 60 and 67

above, and further in view of U.S. Patent No. 5,878,282 issued to Mital (hereinafter "Mital"). The Applicants respectfully submit that the present claims are allowable over Richardson and Ishizawa and Mital.

Claims 61-63 and 68 depend from one of claims 60 and 67 and thus include all the limitations the corresponding base claims. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 61-63 and 68.

**35 U.S.C. §103(a) Rejection – Richardson, Ishizawa and Parrish**

The Examiner has rejected claims 64, 65, 69 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,028,764 issued to Richardson and Ishizawa as applied to claims 60 and 67 above, and further in view of U.S. Patent No. 6,704,879 issued to Parrish (hereinafter "Parrish"). The Applicants respectfully submit that the present claims are allowable over Richardson and Ishizawa and Parrish.

Claims 61-63 and 68 depend from one of claims 60 and 67 and thus include all the limitations the corresponding base claims. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 61-63 and 68.

**35 U.S.C. §103(a) Rejection – Richardson, Ishizawa, Parrish and Mital**

The Examiner has rejected claims 55-59 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,028,764 issued to Richardson and Ishizawa and Parrish, and further in view Mital. The Applicants respectfully submit that the present claims are allowable over Richardson, Ishizawa, Parrish, and Mital.

Claim 55, as amended, recites:

A computing display subsystem of a portable computer, the computing display subsystem comprising:

a connector to allow the computing display subsystem of the portable computer to be connected and detached from a base station of the portable computer;  
a communication adapter to communicate with the base station when the computing display subsystem is detached from the base station;  
a non-volatile storage device of the computing display subsystem;  
a processor of the computing display subsystem, wherein the processor is operable to operate at a higher frequency power mode when the computing display subsystem is connected to the base station, and at a lower frequency power mode when the computing display subsystem is detached from the base station, wherein the computing display subsystem wirelessly communicates with the base via the communication adapter, wherein the communication adapter includes one or more of an infrared adapter and a radio frequency adapter;  
a battery of the computing display subsystem; and  
a display controller.  
(emphasis added)

Richardson discloses a "portable computer includes a display screen which is detachably connected to the remainder of the computer. When the screen is detached, communication may continue between the screen and the housing using one of a plurality of techniques, including infrared communications, radio frequency communications, or an extensible cable link. In this way, a display screen may be positioned at a more convenient location, for example for viewing by a plurality of viewers." (Abstract).

Ishizawa discloses an "information processing apparatus such as a personal computer or a word processor is disclosed. A main unit includes at least processing means for processing input data, and main unit memory means connected to the processing means. A display device is attachable to and detachable from the main unit case and includes at least display device memory means for storing data of the main unit supplied through a connector to be connected to a main unit connector. when attached, display means for displaying the stored content, control means for controlling the display and power supply means for supplying powers to the display device memory means, the display device and the control means when detached." (Abstract).

Parrish discloses a "computer system includes a power source to provide either alternating current from an electrical outlet or direct current from a battery pack. The system also includes a graphics adapter having a clock device that may be regulated based on a power state of the power source. The clock device of the graphics adapter may be set to a high frequency to provide increased graphics performance when the power source is furnishing alternating current to the system. Alternatively, when the power source is providing direct current, the clock device of the graphics adapter may be set to a lower frequency to conserve power." (Abstract)

Mital discloses a "system is provided to exchange information between a computer and a programmable portable information device (PID) using a standard memory drive, such as a 3.5" disk drive or a PCMCIA port . . . The uniquely configured portable information device can be inserted into or removed from a standard computer memory drive. When inserted, communication between the portable information device and computer is automatically initiated. The PID receives executable instructions and/or data from the computer via the computer memory drive and transfers other data back to the computer in the same way. This permits the computer and PID to simultaneously update each other's data with the most recent scheduling information. When removed, the PID has its own power supply and is operable to organize tasks, remind the user of important dates, and perform any other functions of a personal organizer. The user can enter information using the keypad, or read scheduling information on the flat panel display." (Abstract).

In contrast, claim 60, as amended, in pertinent part, recites "the computing display subsystem wirelessly communicates with the base via the communication adapter, wherein the communication adapter includes one or more of an infrared adapter and a radio frequency adapter" (emphasis added). Richardson, Ishizawa, Parrish and Mital, neither individually nor when

combined, teach or reasonably suggest at least this limitation of claim 55. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 60 and its dependent claims.

### **Conclusion**

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

**Invitation for a Telephone Interview**

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

**Request for an Extension of Time**

Applicant respectfully petitions for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

**Charge our Deposit Account**

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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Date: July 16, 2007

  
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